Class Concept

This work involves the planning, development, maintenance, and monitoring of an integrated database system which contains multiple applications consisting of diverse data sets and provides concurrent accessibility of the database by multiple customers. Work involves the design of the logical and physical database structure, data security and integrity, and architecture. Work involves a consultative role with applications developers to assure that the conceptual and design phases of new applications are consistent with the structural parameters within the database environment. This role is responsible for data protection and access control of valuable agency information. Work also involves database maintenance including but not limited to backups and recovery, and database performance and efficiency. Distinguished from the Database Administrator I by the complexity of the projects or the expertise for enterprise/statewide systems, the ability to lead complex projects, and the ability to guide the Database Administrator I's on projects and everyday tasks and assignments.

Recruitment Standards

Knowledge, Skills, and Abilities

- Thorough knowledge of all principles behind the administration and structuring of an integrated database system
- Thorough knowledge applications analysis and programming techniques
- Thorough knowledge of data and database security techniques
- Ability to effectively communicate in written and oral form with systems end-users, application programmers, and IT management and to establish effective working relationships
- Ability to plan a variety of work projects with varied time frames of higher complexity or broader projects
- Ability to interact with and manage underlying operating system and network technology supporting the database environment
- Ability to train and provide technical leadership to lower level employees

Minimum Education and Experience

Bachelor's degree in computer science or an IT related field or a related curriculum from an appropriately accredited institution and three years of progressive experience in programming and applications analysis including the design and maintenance of an integrated database system; or

Associate degree in computer science or an IT related field or a related curriculum from an appropriately accredited institution and four years of progressive experience in programming and applications analysis including the design and maintenance of an integrated database system; or

High School or General Educational Development (GED) diploma and seven years of relevant experience in programming and applications analysis including the design and maintenance of an integrated database system; or an equivalent combination of education and experience.

Note: This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA.